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DPD-2221-60

17 March 1960

MEMORANDUM FOR: Chief, Operations Branch

SUBJECT : Model 504, Granger Repeater Jammer

1. The Granger Associates Manufacturing Company is having considerable difficulty obtaining a Litten Traveling Wave Tube that meets the required specifications. It is our understanding that Granger Associates have almost completed the fabrication of the repeater jammers and if a traveling wave tube was available, they could complete our order in a short time.
2. Granger Associates has approached our Contract Office requesting our concurrence in letting a second contract for the traveling wave tubes to the Microwave Engineering Company. This contract to be let under the conditions that the first subcontractor, either Litten or Microwave, who produces a traveling wave tube that meets specifications will receive the contract for providing Granger with traveling wave tubes, and the other company's contract will be void.
3. Inasmuch as this procedure does not cost us any additional funding, and it appears to be a reasonable way of getting workable travelling wave tubes, we concurred with the Developments Branch and Contracts Branch in authorizing Granger to go ahead with their suggestion. As of this date, our best estimate concerning the delivery of the first completed production model of the Granger 504 is on or about 1 June. This is based upon the assumption that Microwave or Litten will produce a workable tube within the next sixty days.
4. The practicability of going back to the original Huggins Tube was discussed. Due to the many and varied modifications required to use the Litten Tube, it was not considered practicable at this time to attempt to revert to the Huggins Tube. To do so would mean completely rebuilding the Granger Jammer.


Chief, Requirements Section
OPS Branch

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25 YEAR RE-REVIEW